

2016 Mosquito-Borne Illnesses in Humans and Animals

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MISSISSIPPI STATE DEPARTMENT OF HEALTH

This county-by-county report shows human cases and other data currently reported to MSDH. WNV human cases and WNV-positive horses, mosquito samples and blood donors are indications that WNV is circulating in the state. All residents, regardless of county of residence, should take precautions to prevent WNV infection.

	Human Cases of Mosquito-Borne Illnesses					Horses	WNV Testing	
	WNV	Chikungunya	Zika	Other ¹	Deaths	All Illnesses	Positive Mosquito Samples ²	Positive Blood Donors ³
TOTAL	43	0	23	0	2	16	25	12
Adams	2							
Alcorn								
Amite								
Attala	1							1
Benton								
Bolivar								
Calhoun	1							
Carroll	1							
Chickasaw	1		1					
Choctaw								
Claiborne						1		
Clarke								
Clay								
Coahoma								
Copiah	4					1		1
Covington								
De Soto			1					
Forrest	1							
Franklin								
George	1					1		
Greene						1		
Grenada	1							

Hancock							1	
Harrison			2				3	2
Hinds	8		1		1	1	13	2
Holmes								
Humphreys								
Issaquena								
Itawamba								
Jackson	1					1	1	
Jasper								
Jefferson								
Jefferson Davis	2							
Jones								
Kemper						1		
Lafayette			2					
Lamar	3		1			1		
Lauderdale								
Lawrence	1							
Leake								
Lee	1							
Leflore	1							1
Lincoln	2					1	7	2
Lowndes	1							
Madison			3					
Marion	3							
Marshall								
Monroe								
Montgomery								
Neshoba			1			2		
Newton								
Noxubee			1					
Oktibbeha			2					
Panola			2					
Pearl River						1		
Perry	1							

Pike								
Pontotoc								
Prentiss			3					
Quitman								
Rankin	4		2		1	2		1
Scott	1					1		1
Sharkey								
Simpson						1		
Smith								1
Stone								
Sunflower	1							
Tallahatchie								
Tate								
Tippah								
Tishomingo								
Tunica								
Union								
Walthall								
Warren			1					
Washington								
Wayne								
Webster								
Wilkinson								
Winston								
Yalobusha								
Yazoo								
Unspecified County								

Human case count represents only those confirmed by laboratory testing.

1 Other mosquito-borne illnesses include La Crosse encephalitis, St. Louis encephalitis, and Eastern Equine encephalitis. Humans as well as horses can be infected with mosquito-borne illnesses, and infected horses indicate that humans may also be at risk.

[More about these diseases »](#)

2 Mosquitoes are trapped and tested for West Nile virus in selected counties where a higher number of human cases have occurred in previous years. WNV-positive mosquitoes indicate that WNV is circulating in the state, and that all residents, regardless of location, should take precautions.

3 Infected blood donors are identified through routine screening to ensure the safety of transfusion products. WNV-positive blood donors who are symptomatic are included in the WNV human case count.